

## Review Form 1.6

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_82515
Title of the Manuscript:	Influence of magnesium in combination with organics on the yield and uptake of nutrients by cotton (Gossypium hirsutum L.) crop in Typic Ustropept
Type of the Article	Original Research Article

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

### **PART 1:** Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b><u>Compulsory</u></b> REVISION comments	<p>The Authors investigated the effect of magnesium combined with organic manures on the yield and uptake of nutrient of the cotton crop. The works are comprehensive consisting of plenty of laboratory testing. The content is original. Some major revisions must be conducted to improve the quality of the manuscript.</p> <ol style="list-style-type: none"><li>1. Please explain more clearly the originality of the paper</li><li>2. Revise magnesium into magnesium in the first line of abstract</li><li>3. Is it correct the year of 2109 in the abstract?</li><li>4. The mineral supply in the plant is affected by the unsaturated condition of the soil and plant. Please provide review on the effect of the unsaturated soil on the plant. The example of the article as follows: <a href="https://doi.org/10.1680/jgeen.18.00215">https://doi.org/10.1680/jgeen.18.00215</a> <a href="https://doi.org/10.1016/j.iswcr.2021.03.004">https://doi.org/10.1016/j.iswcr.2021.03.004</a></li><li>5. Provide definition for <math>H^+</math>, <math>Al^{3+}</math>, <math>NH_4^+</math>, and <math>Mn^{2+}</math>, <math>Ca^{2+}</math> and <math>Na^+</math></li><li>6. Provide definition of ATP in the sentence "... (such as ATP formation in chloroplasts)</li><li>7. The Author did the study from Aug 2019 – Feb 2020. Why was the experiment not conducted for the entire 1 year? What is the effect of 1 cycle of climatic condition on the results of the study?</li><li>8. Provide definition of EC and OC in Section 2.1</li><li>9. Provide definition of FYM in section 2.2.</li><li>10. Provide standard or reference for experimental design used in the study as presented in Section 2.3</li><li>11. Provide definition of RDF in Section 3.1</li><li>12. Please provide more detail conclusions. The current conclusions is not too clear to connect to the comprehensive results from the study</li></ol>	
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		

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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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